Comparing the OCCAM and Calc/Solve solutions

schedules: c0501.skd modified from NGS card 050912XA.NGS (OCCAM)
software: OCCAM Kalman (standard soulution no gradients)
Calc Solve
clk: ASD 1e-14 @ 50 min, random walk + integrated random walk
zwd: Onsala turbulence
Vienna turbulence (standard)
Vienna turbulence new Cn values
Calc Solve
wn: observation error of real CONT05 data

In Figure 1 you can see the real and simulated data of CONT05, in black you can see the simulation of Dan, derived with Calc/Solve. The linear approximation fits very well to the linear approximation of the Simulated data with the Onsala turbulence model. In Figure 2 the difference between CONT05 simulated data, using the zenith wet delays from Onsala, calculated with OCCAM and the Calc/Solve solution.

The std is 2.7 mm and the mean is -0.10 mm.

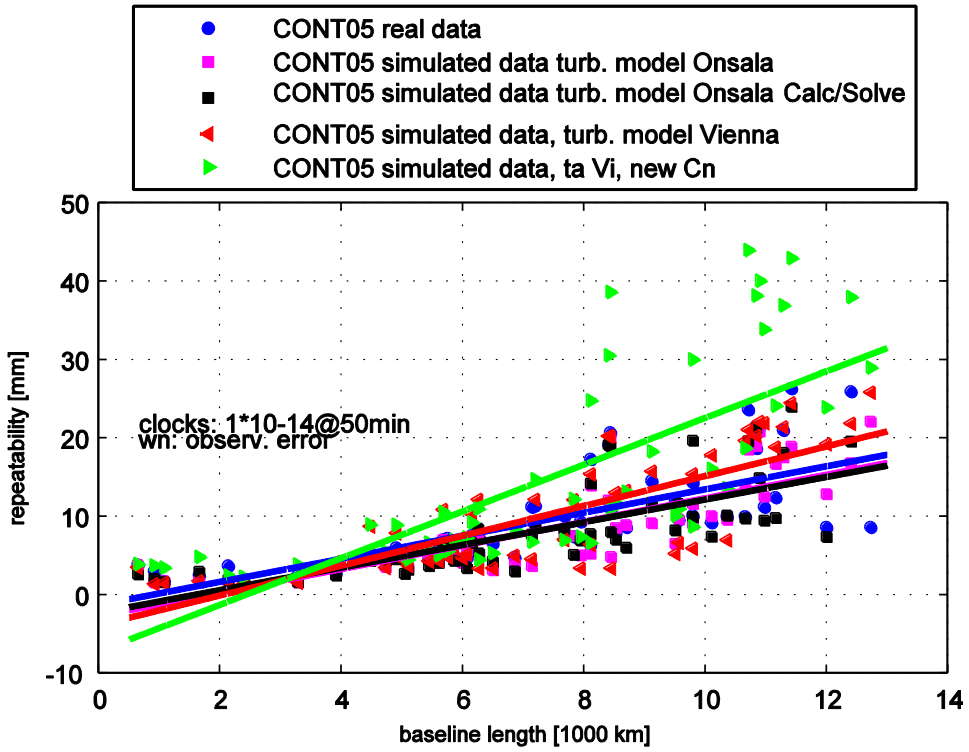

Fig. 1: Baseline length repeatabilities for the CONT05 real and simulated data.

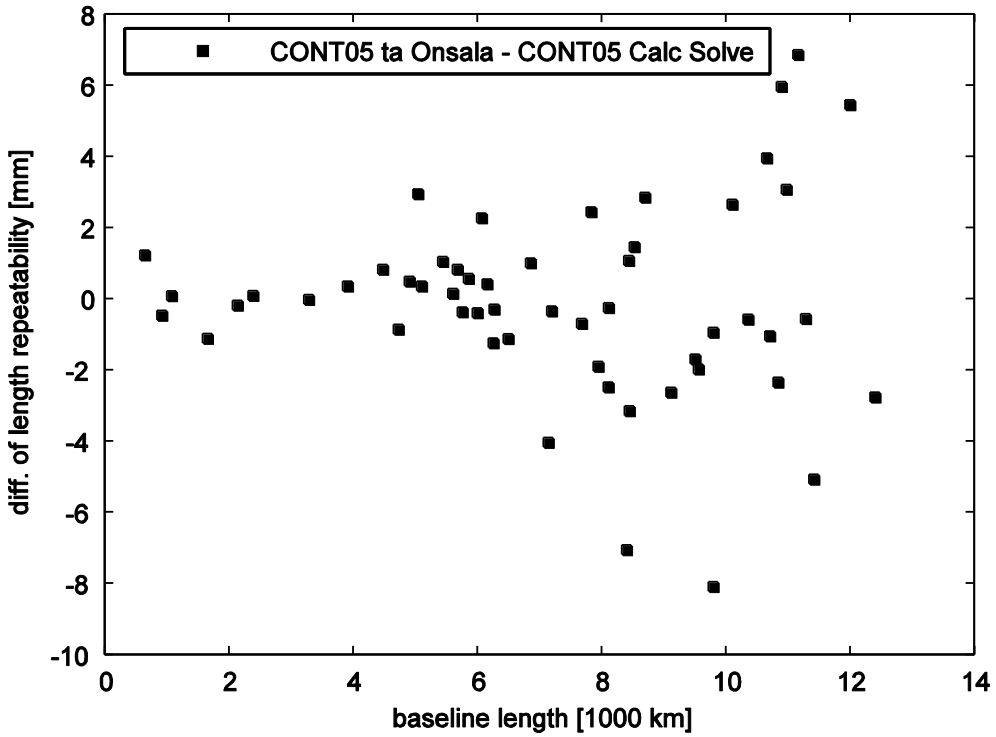

Fig. 2: Difference of the baseline length repeatabilities between OCCAM (turbulence Onsala) and Calc/Solve. The std is 2.7 mm and the mean is -0.1 mm.